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multiple rfid authentication

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Implementing Radio Frequency Identification in the Construction Process

T El-Misalami - Journal of Construction Engineering and Management, 2003 - link.aip.org

... and procurement group identified a **multiple** step process ... capability (<2 kbytes), but **RFID** suppliers could ... This provides source **authentication** and data stream ...

[Related articles](#) - [Web Search](#)

Wireless communications systems, radio frequency identification devices, wireless communications ...

RM Pratt, SB Thompson - US Patent App. 10/263,656, 2002 - Google Patents

... Docket 13095-B (BA4-096), entitled "**RFID** System and ... System and Method to Identify **Multiple** RF Tags ... entitled "A Challenged-Based Tag **Authentication** Model," by ...

[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Access control through secure channel using personal identification system

G Seroussi, KG Paterson, W Mao, MT Smith - US Patent App. 09/896,796, 2001 - Google Patents

... often require a user to memorize **multiple** passwords and ... of a radio frequency identification (**RFID**) card which ... that also allows it to **authenticate** the person ...

[Web Search](#) - [All 6 versions](#)

A case study in pervasive retail - ►bbk.ac.uk [PDF]

G Roussos, J Tuominen, L Koukara, O Seppala, P ... - Proceedings of the 2nd international workshop on Mobile ..., 2002 - portal.acm.org

... PDA and transmitted to the **authentication** server) on ... using radio frequency identification (**RFID**) technologies to ... and integrate the **multiple** information streams ...

[Cited by 33](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

Methods and systems for enabling secure storage of sensitive data

AJ Yeates, PA Dournov, K Blackwood - US Patent App. 10/728,396, 2003 - Google Patents

... is shared among **multiple** application installations ... that collections of **authentication** credentials associated ... reader, signature-capture device, **RFid**/AutoID reader ...

[Related articles](#) - [Web Search](#) - [All 3 versions](#)

Wireless communication systems, radio frequency identification devices, methods of enhancing a ...

RM Pratt, SB Thompson - US Patent App. 10/263,997, 2002 - Google Patents

... Docket 13095-B (BA4-096), entitled "**RFID** System and ... System and Method to Identify **Multiple** RF Tags ... entitled "A Challenged-Based Tag **Authentication** Model," by ...

[Related articles](#) - [Web Search](#) - [All 4 versions](#)

[book] Optical Security and Counterfeit Deterrence Techniques: 1-2 February, 1996, San Jose, California

RL Van Renesse - 1996 - Society of Photo Optical

[Web Search](#) - [Library Search](#)

Security systems for a mobile world

J Swartz - Technology in Society, 2003 - Elsevier

... character recognition), and including WLAN/WAN, **RFID**, 16 Smartcard ... This allows instant **authentication** by comparing the claimed identity ... **Multiple** paths of entry. ...

[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Method and apparatus for contactless hand recognition

RW Kocher - US Patent App. 10/206,096, 2002 - Google Patents
 ... devices (commonly referred to as **RFID**) barcodes, proximity ... unit 5 for processing
 and **authentication** of the ... If the system has **multiple** secret signs, each ...
[Web Search](#) - [All 2 versions](#)

Methods and systems for providing secure access to a hosted service via a client application

AJ Yeates, PA Dournov, SU Shrivastava, V ... - US Patent App. 10/744,920, 2003 - Google Patents
 ... a need to provide access to **multiple** users (eg ... that eliminates the necessity of user
authentication with a ... check reader, smart card reader, **Rfid**/AutoID reader ...
[Web Search](#) - [All 2 versions](#)

Efficient object identification with passive **RFID** tags - ► [ethz.ch](#) [PDF]

H Vogt - Lecture Notes in Computer Science, 2002 - Springer
 ... are usually identified (and **authenticated**) by passwords ... Reliable identification of
multiple objects is ... Radio frequency identification (**RFID**) promises to be an ...
[Cited by 181](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 17 versions](#)

[PDF] ► **Multi-Band, Low-Cost EPCTag Reader**

M Reynolds, J Richards, S Pathare, H Tsai, Y ... - Auto-ID Center, Cambridge, MA, 2002 - alumni.media.mit.edu
 ... and implementing inexpensive systems for cryptographic **authentication**. ... we believe
 that "smart" **RFID** readers deployed ... operate at **multiple** frequency bands ...
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 11 versions](#)

[PDF] ► **Location Sensing Technologies and Applications**

G Roussos - School of Computer Science and Information Systems, Birkbeck ..., 2002 - jisc.ac.uk
 ... cases it is possible to use **multiple** relative readings ... in the system is given an
RFID badge that ... This unique identifier provides **authentication** for access to ...
[Cited by 9](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 7 versions](#)

System and method for authenticating a mailpiece sender

JR Norris, JW Rojas, JF Braun, JH Coffy, A Parkos, ... - US Patent App. 10/248,248, 2002 - Google Patents
 ... is written to an RF tag (an **RFID** tag, for ... 80 and may be used in the **authentication**
 determination (only ... and the storage servers use **multiple** location redundant ...
[Related articles](#) - [Web Search](#) - [All 6 versions](#)

Personal biometric key

FJ Prokoski, VM Prokoski - US Patent App. 10/109,677, 2002 - Google Patents
 ... Some allow **multiple** attempts and other do not ... the smartcard, which is merely an **RFID**
 sensor broadcasting ... data that is employed to **authenticate** transactions may ...
[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Systems, compositions, and methods for full color laser engraving of ID documents

R Jones - US Patent App. 10/330,034, 2002 - Google Patents
 ... laser addressing the document with **multiple** lasers (eg ... cards (eg, radio frequency
 (**RFID**) cards), passports ... to provide identification and/or **authentication** of a ...
[Web Search](#) - [All 7 versions](#)

Method and system for discouraging unauthorized copying of a computer program

W Fayed, AA Hassan - US Patent App. 09/923,753, 2001 - Google Patents
 ... 0004] The use of **RFID** technology has ... In some commercial embodiments, **multiple** programs
 are bundled together is ... reader 158 and start the **authentication** procedure ...
[Web Search](#) - [All 2 versions](#)

Method and apparatus for aggregation reconciliation through hierarchical tag checksums

BA Willins - US Patent App. 10/749,795, 2003 - Google Patents
 ... **Multiple** cases 206 may be stacked or otherwise placed ... may take place using conventional
RFID or other ... access to those devices able to **authenticate** to server 330 ...
[Web Search](#) - [All 7 versions](#)

Secure package system and method

SC Radlinger, EN Fisher - US Patent App. 10/495,599, 2002 - Google Patents
 ... [0023] Attaching **RFID** tags to ... handled and moved within a supply chain across **multiple** modes of ... recipient has passed a predetermined set of **authentication** rules ...
[Web Search](#) - [All 4 versions](#)

System and method for tracking medical devices

C Carrender, R Stewart - US Patent App. 10/196,487, 2002 - Google Patents
 ... the medical device 12 or with **multiple** medical devices ... In an active **RFID** tag, a transmitter is used ... to the interrogated tag for verification and **authentication**. ...
[Web Search](#) - [All 2 versions](#)

[PDF] ► Contactless technology for secure physical access: Technology and standards choices

SC Alliance - Smart Card Alliance Research Report, 2002 - cnipa.gov.it
 ... systems that benefit from **multiple** card technologies ... by the majority of today's **RFID** access control ... cards can include additional **authentication** factors (such ...
[Cited by 6](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 18 versions](#)

Wireless communications devices, methods of processing a wireless communication signal, wireless ...

RM Pratt, SB Thompson - US Patent App. 10/263,670, 2002 - Google Patents
 ... Radio frequency identification device (**RFID**) systems may be ... and Method to Identify **Multiple** RF Tags ... entitled "A Challenged-Based Tag **Authentication** Model," by ...
[Related articles](#) - [Web Search](#) - [All 4 versions](#)

METHOD FOR PERFORMING SECURE ONLINE PAYMENT TRANSACTIONS

C HOBSON, S HUSSAIN - 2002 - freepatentsonline.com
 ... single location or at **multiple** locations, wherein ... electronic kiosk, wireless tablets, **RFID** transponder, and ... may communicate with, an **authentication** device, such ...
[Web Search](#) - [All 3 versions](#)

[PDF] ► Internet and Auto-ID Architecture

UO Yojiro, Y Kawakita, H Hisakazu, O Nakamura, J ... - Auto-ID Center White Paper, 2003 - autoidlabs.org
 ... a space, and when they work as **RFID** reader, they ... mechanism and to allow the **multiple**-stage resolve ... such as to apply some AAA (**Authentication**, Authorization and ...
[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 3 versions](#)

[PDF] ► Smart Furniture: Creating Smart Hot-Spots Everywhere

H Tokuda - Joho Shori Gakkai Shinpojumu Ronbunshu, 2003 - citeseerx.ist.psu.edu
 ... We developed an active **authentication** system intended for use ... user's client device and books' **RFID** tags and ... there are multiple users and **multiple** objects ...
[Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 3 versions](#)

Issues in personalizing shared ubiquitous devices - ► fiu.edu [PDF]

J Trevor, DM Hilbert, BN Schilit - UbiComp 2002: Ubiquitous Computing: 4th International ..., 2002 - books.google.com
 ... meeting flow, particularly in meetings with **multiple** presenters ... PIP interface by swiping an **RFID** card ... Standard browser **authentication** is used to prompt for their ...
[Cited by 39](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 22 versions](#)

System and method for wireless collection and presentation of data

BA Willins, D Hernandez, J Katz - US Patent App. 10/361,716, 2003 - Google Patents
 ... verification so as to concurrently **authenticate** the user ... the HMD may incorporate an **RFID** interrogator using ... directional antenna element or **multiple** elements to ...
[Web Search](#) - [All 2 versions](#)

[PDF] ► Ubiquitous Network Vision for New Growth

T Shinohara - Proceedings of ITU Telecom 2003, 2003 - itu.int
 ... progress made **multiple** usage of low frequency spectrum ... Ubiquitous Network equipment including **RFID** tags. ... 1. Validity of contracts and digital **authentication** ...
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#)

Identification system for verifying an authorization to access an object or to use an object, ...

A Ott - US Patent App. 10/609,782, 2003 - Google Patents

... is also called an electronic key, **RFID** tag, ID ... is verified (this is also referred to as **authentication**). ... no unique Dirac function (but **multiple** frequency lines ...[Web Search](#) - [All 4 versions](#)Bluetooth based security system

SM Bajkar - US Patent App. 09/883,403, 2001 - Google Patents

... be cost prohibitive as each **RFID** tag can ... in noisy environments and permits **multiple** piconets to ... the Bluetooth System", including user **authentication** and link ...[Web Search](#) - [All 4 versions](#)Virtual identity apparatus and method for using same

P Asunmaa, R Aarts, T Skytta, T Reichler - US Patent App. 10/339,986, 2003 - Google Patents

... EAP is a general protocol for **authentication** that also supports **multiple authentication** methods, such as token cards, Kerberos, one-time pass- words ...[Web Search](#) - [All 2 versions](#)[PDF] ► Network-based distributed systems middleware

HS Carvalho, AL Murphy, WB Heinzelman, CJN Coelho - Proc. Int. Middleware Conf., Rio de Janeiro, Brazil, 2003 - citeseerx.ist.psu.edu

... Tags use radio frequency identification (**RFID**) for tracking ... needs to adapt to **multiple** underlying networks. ... security access (password), **authentication** and data ...[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 6 versions](#)Location Privacy in the Alipes platform - ► luth.se [PDF]

K Synnes, J Nord, P Parnes - System Sciences, 2003. Proceedings of the 36th Annual Hawaii ..., 2003 - leeeexplore.ieee.org

... to be ways to distinguish between **multiple** terminals. ... gained from local devices, such as **RFID**, GPS or ... Some form of encryption and **authentication** is therefore ...[Cited by 14](#) - [Related articles](#) - [Web Search](#) - [All 18 versions](#)Reflex—personalised wireless interaction in a broadband environment

D Patel, R Mannings - BT Technology Journal, 2002 - Springer

... also scope for **multiple** users to share and ... It implies that security and **authentication** of this ... 5.1 Radio frequency identification (**RFID**) Radio frequency ...[Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)A secure pervasive environment - ► crpit.com [PDF]

PG McLean - Proceedings of the Australasian information security ..., 2003 - portal.acm.org

... in a coalition military operation with **multiple** logons and ... (III) Entry agent verifies **authentication** and registers ... where the traditional **RFID** antenna coils are ...[Cited by 11](#) - [Related articles](#) - [Web Search](#) - [All 8 versions](#)Location management in pervasive systems - ► uece.br [PDF]

J Indulska, P Sutton - Proceedings of the Australasian information security ..., 2003 - portal.acm.org

... from simple, completely passive **RFID** tags at ... allows a simpler infrastructure (**multiple** uncoordinated base ... be achieved through **authentication** and encryption); ñ ...[Cited by 31](#) - [Related articles](#) - [Web Search](#) - [All 14 versions](#)Systems and methods for enhancing security of communication over a public network

AJ Yeates, PA Dournov, DL Whitlock, T Belvin, BO' ... - US Patent App. 10/725,881, 2003 - Google Patents

... in a position to perform user **authentication** and authorization. ... a business owner to have **multiple** stores operating ... reader, smart card reader, **RFid**/AutoID reader ...[Web Search](#) - [All 2 versions](#)Pump and customer access terminal interface computer converter to convert traditional pump and ...

RG Coppola, D Biedermann, C Fort - US Patent 6,360,138, 2002 - Google Patents

... example, dispensers 1-4 and dispensers 5-8. Security modules, 32 and 34, facilitate

and provided for prescribed verification and **authentication** requirements at ...

[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Co-Link configuration: Using wireless diversity for more than just connectivity - ► [hp.com](#) [PDF]

J Tourrilhes, V Krishnan - 2003 IEEE Wireless Communications and Networking, 2003. WCNC ..., 2003 - [ieeexplore.ieee.org](#)

... It manages **multiple** configurations on each interface and ... Scheduled Rendezvous and

RFID Wakeup in Embedded ... **Authentication** and Authorization of mobile clients in ...

[Cited by 7](#) - [Related articles](#) - [Web Search](#) - [All 12 versions](#)

System and method for distributing information to anonymous requestors

CJ Erca - US Patent App. 10/081,070, 2002 - Google Patents

... In various embodiments, an **RFID** tag may be embedded in ... services to various ones of

the **multiple** addresses ... well known in the fields of **authentication** and secured ...

[Web Search](#) - [All 2 versions](#)

Method and apparatus for providing and processing active barcodes

TK Oram - US Patent App. 10/698,152, 2003 - Google Patents

... 5 is a block diagram of a lottery ticket **authentication** system in ... such an electronic

device may employ radio frequency identification (**RFID**) technology to ...

[Web Search](#) - [All 6 versions](#)

[PDF] ► T-Engine: the open, real-time embedded-systems platform

K Sakamura, N Koshizuka - IEEE Micro, 2002 - [citeseerx.ist.psu.edu](#)

... distributed processing, ciphering and **authentication**, and multimedia ... This lets **multiple**

software programs run ... radio frequency identification (**RFID**) device, pT ...

[Cited by 11](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#) - [All 11 versions](#)

Energy efficient object location reporting system

J Vallstrom, H Lilja - US Patent App. 10/396,928, 2003 - Google Patents

... Service Request Message 3. **Authentication**, Cipher nest ... the location of objects

having **RFID** tags attached. ... only, IS-136, code division **multiple** access (CDMA ...

[Web Search](#) - [All 2 versions](#)

Microchip-enabled online transaction system

A Nambiar, G Stern - US Patent App. 09/952,490, 2001 - Google Patents

... 16 enabled smart card 14 and smart card reader 12 **authentication** system, the ... means,

including, for example, magnetic stripe cards/readers, **RFID** transponders ...

[Web Search](#) - [All 4 versions](#)

[PDF] ► Establishing the Ubiquitous Network Environment in Japan

T Murakami - NRI papers, 2003 - [nri.co.jp](#)

... personal digital assistants), digital TVs, home information appliances, game machines,

car navigation systems, vending machines, Web cameras, **RFID** tags, and ...

[Cited by 22](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Electronic payment methods for a mobile device

RL Pond, TW Zalewski, RJ Estep - US Patent App. 10/635,355, 2003 - Google Patents

... establishments, the meal may consist of **multiple** food orders ... plurality of servers

for providing **authentication** of user ... of key ring with an **RFID** fob transponder ...

[Web Search](#) - [All 2 versions](#)

Magic Home: exploiting the duality between the physical and the virtual worlds - ► [accenture.com](#) [PDF]

D Wan - Conference on Human Factors in Computing Systems, 2000 - [portal.acm.org](#)

... and radio frequency identification (**RFID**), buyer context ... He can compare **multiple**

couches side by side ... card serves three purposes: • **Authentication**: it identifies ...

[Cited by 5](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 23 versions](#)

The semantic grid: A future e-science infrastructure - ► [nesc.ac.uk](#) [PDF]

D De Roure, NR Jennings, NR Shadbolt - Grid Computing-Making the Global Infrastructure a Reality, 2003 - books.google.com
 ... Security: There are **authentication**, encryption and privacy requirements, with **multiple** organisations involved ... the sample (eg by barcode or **RFID** tag), the ...
[Cited by 279](#) - [Related articles](#) - [Web Search](#) - [All 35 versions](#)

[BOOK] Field-programmable logic and applications: reconfigurable computing is going mainstream: 12th ...

M Glesner, P Zipf, M Renovell - 2002 - books.google.com
 ... Access Control for Low-Cost **RFID** Tags 51 ... for client **authentication** (IKEv2 with EAP-PEAP **authentication**). ... if an IP address has **multiple** names associated with it ...
[Related articles](#) - [Web Search](#) - [Library Search](#) - [All 2 versions](#)

Integrated wireless broadband communications network

SC Evans, JE Hershey, DM Davenport, HW Tomlinson ... - US Patent 6,497,656, 2002 - Google Patents
 ... **RFID** systems are radio communication systems that communicate ... 15 comprises a wireless **multiple** access (MA ... 60 is configured to receive and **authenticate** the user ...
[Cited by 6](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[PDF] ► Privacy-aware location sensor networks

M Gruteser, G Schelle, A Jain, R Han, D Grunwald - HotOS IX, 2003 - cieseerx.ist.psu.edu
 ... allow such decision- making (eg, **RFID** or the ... **Multiple** nodes throughout the spanning tree, the ... Nodes communicate with encrypted and **authenticated** data packets ...
[Cited by 57](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 9 versions](#)

Context-aware and real-time tracking

PS Ebert - US Patent App. 10/136,851, 2002 - Google Patents
 ... Component (TC) active passive Others **RFID** Bar Code ... that can be applied across **multiple** industries and ... partners based on field-level **authentication** defini- tions ...
[Related articles](#) - [Web Search](#) - [All 4 versions](#)

Framework for providing a configurable firewall for computing systems

MK Saltz - US Patent App. 10/743,929, 2003 - Google Patents
 ... nology similar to Radio Frequency ID (**RFID**) tags used ... as smart cards are, to **authenticate** users or ... platform 202 that provides a **multiple**-application environment ...
[Web Search](#) - [All 6 versions](#)

METHOD AND APPARATUS FOR CONTROLLING ACCESS TO A COMPUTER NETWORK USING TANGIBLE MEDIA

M Hawley, H Holtzman, A Lippman, M Tuteja - US Patent App. 09/113,206, 1998 - Google Patents
 ... capable of simultaneous data exchange with **multiple** clients ... access criterion can include an **authentication** code that ... accepts incoming data from an **RFID** reader 15 ...
[Web Search](#) - [All 2 versions](#)

Bi-directional data flow in a real time tracking system

PS Ebert - US Patent App. 10/137,207, 2002 - Google Patents
 ... 102- Tagging Component (TC) active passive **RFID** Bar Code ... that can be applied across **multiple** industries and ... based on field-level **authentication** defini- tions. ...
[Related articles](#) - [Web Search](#) - [All 4 versions](#)

► Challenges for ATV Software

G Miglani, S Buses, S Hardware, N Choice - EMBEDDED SYSTEMS PROGRAMMING, 1999 - embedded.com
 ... issues are raised by receivers that must deal with **multiple** sources of ... this kind of standardization would require encryption and **authentication** services in ...
[Cached](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

Method and system for identifying and managing RF-ID attached objects

H Fujisawa, S Asai, M Ashizawa - US Patent App. 10/457,440, 2003 - Google Patents
 ... 8 is a drawing showing the **authentication** processing flow of the ... the principle of detecting a possibility of **multiple** existence of ... 1, the RF-ID tag (**RFID** is an ...
[Web Search](#) - [All 2 versions](#)

[SyncTap: An interaction technique for mobile networking - ► \[sony.co.jp\]\(http://sony.co.jp\) \[PDF\]](#)

J Rekimoto, Y Ayatsuka, M Kohno - Lecture notes in computer science, 2003 - Springer

... 4. **Multiple** overlapping SyncTap operations can be detected ... an additional method to **authenticate** the end ... as radio frequency identification (RFID) tags, infrared ...[Cited by 41](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 8 versions](#)[Radio frequency identification devices, backscatter communication device wake-up methods, ...](#)

RM Prati, MA Hughes - US Patent App. 10/263,940, 2002 - Google Patents

... Docket 13095-B (BA4-096), entitled "**RFID** System and ... and Method to Identify **Multiple** RF Tags ... 102), entitled "AChallenged-Based Tag **Authentication** Model," by ...[Related articles](#) - [Web Search](#) - [All 6 versions](#)[► State of the Art and Future Trends in Distributed Systems and Ubiquitous Computing](#)F Mattern - Vontobel TeKnoBase, 2000 - vs.inf.ethz.ch... context awareness, smart labels, **RFID** tags, middleware ... including secure communication, **authentication**, yellow pages ... as an agent traverses **multiple** hosts which ...[Cited by 11](#) - [Related articles](#) - [Cached](#) - [Web Search](#) - [All 6 versions](#)[Wireless telemetry system integrated with a broadband network](#)SC Evans, DM Davenport, JE Hershey, HW Tomlinson ... - 2001 - freepatentsonline.com... **RFID** systems are radio communication systems that communicate ... 15 comprises a wireless **multiple** access (MA ... 60 is configured to receive and **authenticate** the user ...[Web Search](#) - [All 3 versions](#)[Method and Device for Delivery or Obtaining of a Good](#)

M Stumpe, JC Ewert - US Patent App. 10/595,177, 2003 - Google Patents

... [0020] In case, **multiple** storages are ... **Authentication** of a first entity to a further entity can be achieved by providing **authentication** information like a user ...[Web Search](#) - [All 4 versions](#)[System, method and apparatus for enabling transactions using a biometrically enabled programmable ...](#)

RO Doughty, PR Antaki - US Patent App. 10/680,050, 2003 - Google Patents

... Moreover, the present invention allows for proper **authentication** in **multiple** account/appli- cation cards and devices to reduce the risk to the device holder ...[Web Search](#) - [All 6 versions](#)[Standards in the smart card world](#)

D Husemann - Computer Networks, 2001 - Elsevier

... supporting both the ISO 7816 con- tact-based and the contactless **RFID** interface according to ... on a per-@le basis, so that one could support **multiple** o-card ...[Cited by 10](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)[Merging Virtual and Real Worlds in an Agent-Oriented Collaborative Environment](#)

M Zapf, R Reinema - Lecture notes in computer science, 2003 - Springer

... remains independent, and may participate in **multiple** virtual teams. ... identification of the user by the **RFID** tag or ... like asking the person to **authenticate** to the ...[Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 3 versions](#)[UNIVERSAL KEY SECURITY METHOD AND SYSTEM](#)

CA Paulsen, BT Nguyen - US Patent App. 10/605,574, 2003 - Google Patents

... 14,2005 Sheet 8 of 8 US 2005/0077995 AI START 370 372 374 RECEIVE KEY IN LOCK POWER UP KEY 376 LIVE DATA CAPTURE OF **AUTHENTICATION** INFORMATION ANALYSIS OF LIVE ...[Web Search](#) - [All 6 versions](#)[Implementing physical hyperlinks using ubiquitous identifier resolution - ► \[hp.com\]\(http://hp.com\) \[PDF\]](#)T Kindberg - Proceedings of the 11th international conference on World ..., 2002 - portal.acm.org... many forms, including a barcode, an **RFID** tag, an ... We routinely live with **multiple** naming contexts for ... But, in circumstances where no **authentication** is required ...

[Cited by 46](#) - [Related articles](#) - [Web Search](#) - [All 8 versions](#)

Leap Frog Digital Sensors and Definition, Integration & Testing FY 2003 Annual Report

WD Meitzler, SJ Ouderkirk, SV Shoemaker, S Tzemos, ... - 2003 - [osti.gov](#)

... 3D holographic imaging, and **RFID** tagging of ... for the integration of **multiple** independent and ... FRVCT) • Continuous Mouse Biometric **Authentication** (BioMouse) ...

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Portable wireless data device

L Song, J Hu - US Patent App. 10/407,654, 2003 - Google Patents

... be associated with yes/no format responses, **multiple** choice selections ... contact interface (332) of an **RFID** or through ... 521 can be employed to **authenticate** a user ...

[Cited by 2](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Automatic and seamless vertical roaming between wireless local area network (WLAN) and wireless wide ...

R Bridgelall... - US Patent App. 10/014,448, 2001 - Google Patents

... HLR) 212, a Visitor Location Registry (VLR) 216 and **Authentication** Center (AC ... are in turn wired to antennas 226, 228, 230, each serving **multiple** mobile devices ...

[Web Search](#) - [All 5 versions](#)

[PDF] ► Active architecture for pervasive contextual services

G Kirby, A Dearie, R Morrison, M Dunlop, R Connor, ... - International workshop on middleware for pervasive and ad- ..., 2003 - [www-old.cs.st-andrews.ac.uk](#)

... necessary infrastructure for code deployment, **authentication** of bundles ... to be delivered to **multiple** downstream components ... as GPS and GSM devices, **RFID** tag read ...

[Cited by 8](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 12 versions](#)

Information-based access control system for sea port terminals

A Zagami - US Patent App. 10/732,168, 2003 - Google Patents

... technology has been incorporated into the system in order to insure identification **authentication** and to ... [0047] The system allows for **multiple** custom Employee ...

[Web Search](#) - [All 3 versions](#)

Lighthouse ASIC

M Slutsky, DB De Lazari, J Cabana, D Salvato - US Patent App. 10/034,072, 2001 - Google Patents

... with other data types and input devices, such as biometrics, magstripe, **RFID**, etc. ...

data blender 17 provides the ability to take data from **multiple** sources and ...

[Web Search](#) - [All 3 versions](#)

Apparatus and method for interfacing a point-of-sale controller (POS) with a customer access ...

RG Coppola, D Biedermann, C Fort - EP Patent 1,143,388, 2001 - [freepatentsonline.com](#)

... A firmware **authentication** code (FAC), including a suitable ... are not limited to, **multiple** fuel metering ... a radio frequency identification device (**RFID**) sensor 106 ...

[Web Search](#) - [All 3 versions](#)

Communications in an item tracking system

J Weng, T Lin - US Patent App. 10/136,852, 2002 - Google Patents

... [0028] Generally, a tag will be an **RFID** tag, but ... ITSs and can also connect to **multiple** other shared ... security means will be used to **authenticate** participants in ...

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Providing selective access to tracking information

T Lin - US Patent App. 10/136,861, 2002 - Google Patents

... [0028] Generally, a tag will be an **RFID** tag, but ... ITSs and can also connect to **multiple** other shared ... security means will be used to **authenticate** participants in ...

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Enhanced shadow reduction system and related techniques for digital image capture

SD Hagh, TA Hoang, CF Duggan, D Bohaker, LM Kenen - US Patent App. 10/663,439, 2003 - Google Patents

... may be taken under controlled lighting conditions using **multiple** light sources ... biometric systems such as surveillance and/or **authentication** systems (especially ...
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System and method of animal identification and animal transaction authorization using iris patterns

C Musgrave, JL Cambier - US Patent 6,424,727, 2002 - Google Patents

... These **RFID** devices typically include passive RF transponders that ... Also, the **authentication** of animals used in breeding is ... from the image at **multiple** scales of ...

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AUTOMATIC SEAMLESS VERTICAL ROAMING BETWEEN WLANS AND WWANS

R Bridgell - EP Patent 1,346,597, 2003 - freepatentsonline.com

... 226, 228, 230, each serving **multiple** mobile devices ... Once the mobile completes the **authentication** process and ... methods of network location include **RFID** and Infra ...

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Live graphics on absorbent articles using electrochromic displays

R Underhill, JD Lindsay, F Chen, GBD Garnier - US Patent App. 10/742,611, 2003 - Google Patents

... an image containing an active feature, such as moving features and **multiple** colors. ...
 eg, the memory component may be memory in a thin writable **RFID** device), by ...

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Wearable identification appliance that communicates with a wireless communications network such as ...

ML Beigel, JR Tuttle, WW Mosher, DE Wang - US Patent App. 10/101,471, 2002 - Google Patents

... an example application of a **multiple** node network ... a radio frequency identification (**RFID**) function of ... Additional security and **authentication** procedures may ...

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Contactless electronic identification system

R Jean-Claude, K Abdul-Hamid, D Pierre - US Patent App. 10/399,854, 2003 - Google Patents

... commonly known by the denomination "**RFID** system" (Radio ... even if such a bilateral **authentication** were implemented ... US 2004/0025035 All these **multiple** applications. ...

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System, method and apparatus for electronic ticketing

RO Doughty, PR Antaki, GD Palmer, RM Gilliom - US Patent App. 10/737,080, 2003 - Google Patents

... 7 706 I remain in Standby Mode Switch to Active Mode Verify **Authentication** Data
 Authentication Data Valid Access Information Associated with **Authenticated** User ...

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Image processing techniques for printing identification cards and documents

N Schneck, CF Duggan, R Jones, D Bi - US Patent App. 10/411,354, 2003 - Google Patents

... Brian Labrec and Robert Jones); [0010] **Multiple** Image Security ... quality to be used for **authentication** and/or ... cards (eg, radio frequency (**RFID**) cards), passports ...

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Trackable files and systems for using the same

PJ Kuzma, A Green - US Patent App. 09/863,752, 2001 - Google Patents

... 8 is a schematic view of an active **RFID** label according to an ... Encrypted electronic signatures may be used, for example, to **authenticate** or substantiate a chain ...

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Cooperative biometrics abnormality detection system (C-BAD)

RW Kocher - US Patent App. 10/143,795, 2002 - Google Patents

... that have access to **multiple** security compartments. ... radio frequency identification devices (**RFID**), personnel ... require identification and **authentication** of an ...

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Method and system for enabling electronic transactions via a personal device

P Atkinson - US Patent App. 10/434,676, 2003 - Google Patents
 Page 1. US 20030236872A1 (19) United States (12) Patent Application Publication
 (io> Pub. NO.: US 2003/0236872 A1 Atkinson (43) Pub. Date: Dec. ...
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Spatialagents: integrating user mobility and program mobility in ubiquitous computing environments

I Satoh - Wireless communications and mobile computing, 2003 - interscience.wiley.com
 ... user navigation mobile computing **RFID** tag middleware ... does not support any
multiple-hop query ... MobileSpaces system supports some **authentication** mechanisms for ...
[Cited by 16](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Method and system for computerized form completion

HN Holtzman, C Wisneski, PS Robertson, B ... - US Patent App. 09/726,296, 2000 - Google Patents
 ... such as a username and password for purposes of user **authentication**, or a ... In one
 embodiment, the token is a radio frequency identification (**RFID**) tag 115A. ...
[Web Search](#) - [All 2 versions](#)

Electronic signature verification method and apparatus

TG Zimmerman - US Patent App. 10/173,002, 2002 - Google Patents
 ... **Authentication** confers access and services to an individual ... cards, radio frequency
 identification (**RFID**) tags, and ... the same PIN number for **multiple** accounts, a ...
[Web Search](#) - [All 2 versions](#)

Trends in integrated library systems - ►arizona.edu

C Ebenezer - VINE-LONDON-, 2002 - emeraldinsight.com
 ... as reference linking and **authentication**, that relate ... of computer programs that automates
multiple library operations ... of radio-frequency ID (**RFID**) technology to ...
[Cited by 11](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 8 versions](#)

[PDF] ► Examining Fifth Generation Messaging Systems

M Mutu-Grigg - Project Report, Computer Science Department, The University ..., 2003 - cs.auckland.ac.nz
 ... 2.6.1.1 **Authentication**.....37 ... formats including **multiple**
 times during ... systems (**RFID**), which ...
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Storage media access control method and system

RH Seinfreund, R Vig, DR Goyette, P Miller, JM ... - US Patent App. 10/645,078, 2003 - Google Patents
 ... limitation, for example, com- pounds, dyes, radio frequency tags, **RFID**, microelectronic
 circuits ... a DVD, may be provided with an invisible **authentication** mark or ...
[Web Search](#) - [All 6 versions](#)

TUTWLAN-QoS Supporting Wireless Network

M Hännikäinen, T Lavikko, P Kukkala, TD Hämäläinen - Telecommunication Systems, 2003 - Springer
 ... Radio Frequency Identification (**RFID**) technologies at least ... Broadband data rates
 enabling **multiple** services over ... Another requirement is the **authentication** of a ...
[Cited by 15](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

Rapidly deployable emergency communications system and method

JD Impson, N Mehravari, JO Moody, ER Steinbrecher - US Patent App. 10/446,495, 2003 - Google Patents
 ... This disaster may be a natural one—such as **multiple** tornado strikes, an earthquake,
 volcanic eruptions, or floods—or it may be accidental, due to plane ...
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Management of parameters in a removable user identity module

G Mittal - US Patent App. 10/233,189, 2002 - Google Patents
 ... the spread spectrum, code division **multiple** access (CDMA ... include, for example, an
authentication key ("A ... a Radio Frequency Identification (**RFID**) transponder tag ...
[Web Search](#) - [All 4 versions](#)

Method and system for access control

T Callahan, S Meyer - US Patent App. 10/715,113, 2003 - Google Patents

... is allowed. If, however, the node is recognised, then access to PHI requires that the user also be **authenticated**. Assuming both ...

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Adaptable remote control with exchangeable controls

JA Martino, L Nikolovska - US Patent App. 09/739,512, 2000 - Google Patents

... used for all manner of identification and **authentication** of goods ... fields of customizable remote controls, PDAs, and **RFID** systems ... [0027] If **multiple** related beads ...

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Apparatus and method for the use of position information in wireless applications

G Caronni, AS Nystrom - US Patent App. 10/107,717, 2002 - Google Patents

... device. In another embodiment, the signal transmitting device is a radio frequency identification (**RFID**) tag attached to an entity. ...

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Intel research expands Moore's law

S Hamilton - Computer, 2003 - [ieeexplore.ieee.org](#)

... discovery mechanisms that register and **authenticate** each other ... like the Global Positioning System, **RFID** tags, or ... fused location sensing with **multiple** location ...

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Key authors: [S Sarma](#) - [K Finkenzeller](#) - [D Engels](#) - [S Weis](#) - [V Stanford](#)



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